

ABSTRACTED-PUB-NO: KR 9506717B  
BASIC-ABSTRACT:

Polyester resin of mean molecular weight 2000-8000 for preventing damage of painted film from ultraviolet radiation is copolymerised with 10-40 mol.% acid components including aliphatic carboxylic acid, aromatic carboxylic acid, saturated alicyclic carboxylic acid as 1,4-cyclohexane dicarboxylate or its ester derivative and 1-10 mol.% polyhydric alcohol component such as trimethylol propane, ethylene glycol, propylene glycol, neopentyl glycol and p-xylene glycol, catalysts such as superoxides of Ca, Ce, Pb, Mn, Zn, Mg, Sb, etc., and germanium oxide, a thermal stabiliser with phosphorylated compounds. The polyester resin has good properties of hardness and weathering resistance.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |
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TITLE: Cooling lubricant composition for home refrigerator - produced by reacting an adipic acid with a neopentyl glycol and reacting the product with a caprylic acid

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PRIORITY-DATA: 1991KR-0020214 (November 14, 1991)

PATENT-FAMILY:

| PUB-NO               | PUB-DATE     | LANGUAGE | PAGES | MAIN-IPC   |
|----------------------|--------------|----------|-------|------------|
| <u>KR 9505692 B1</u> | May 29, 1995 |          | 000   | C10M105/32 |

INT-CL (IPC): C10 M 105/32; C10 M 111/02

ABSTRACTED-PUB-NO: KR 9505692B  
BASIC-ABSTRACT:

The cooling lubricant composition for a home refrigerator using R-134a (1,1,1,2-tetrafluoroethane) as a substitute refrigerant is a mixture of a neopentyl glycol dicaprylate and a di(neopentyl glycol monocaprylate) adipate [the mixture ratio = 8:2-4:4] having 10-35 cst dynamic viscosity at 40 deg. C. The mixture is produced by reacting an adipic acid with a neopentyl glycol, and reacting the product with a caprylic acid.

USE - Used as cooling lubricant composition for a home refrigerator.

ADVANTAGE - The cooling lubricant compsn. has a good heat and oxidation-stability and abrasion resistance.

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